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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/580,365	05/26/2000	Stephen Dao Hui Hsu	004828.P001	8126

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EXAMINER

TRAN, TONGOC

ART UNIT	PAPER NUMBER
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2134

DATE MAILED: 07/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/580,365

Applicant(s)

HSU ET AL.

Examiner

Tongoc Tran

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 January 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-72 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-72 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>4/25/2005, 5/6/2005</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This office action is in response to Applicant's Amendment filed on 1/21/2005. Claims 37, 48, 52, 55, 60, 65-69 have been amended. Claims 70-72 have been added. Claims 37-72 are pending.

Response to Arguments

2. Applicant's arguments filed on 1/21/2005 have been fully considered but they are not persuasive. In response to Applicant's remark to the amended claim 37, Applicant contends that the cited prior art, Farah teaches away from the amended limitation "wherein the terminal encrypted an unencrypted address of the web page provided to the terminal" as recited in the claim. Examiner notes that in the Specification page 11, lines 5-19, Applicant appears to refer the URL encryption process to be performed by the web browser. However, throughout the Specification, Applicant repeatedly discloses that it is the web browser that directs the URL encryption process to the spoofing unit. Furthermore, Applicant discloses that the spoofing unit is coupled to the user terminal. Since Applicant does not clearly define in the Specification that the terminal which Applicant appears to claim to be equate to the web browser as recited in the claim, it is reasonably interpreted that the spoofing unit is performing the URL encryption process. Therefore, the claimed limitation is met by the teaching of Farah where the uggc which is a process couple with the client to perform the URL encryption process. Even if Applicant would have argued that the terminal is referred to be equate to the web browser that performs the URL encryption process, it would not have been

patentably distinct in a networking environment where programming modules can be stored and executed from a plurality of networked computer systems.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 37-43 and 45-72 are rejected under 35 U.S.C. 103(a) as being unpatentable over Subramaniam et al. (U.S. Patent No. 6,081,900) in view of Farah ("Encrypted Hypertext Transfer Protocol—UGGC/1.0", April, 2000, Network Working Group", pages 1-5).

In respect to claims 37, 51 and 55, Subramaniam discloses a method comprising:

receiving from a terminal or an intermediate unit a first request including a composite address the composite address including an address of a secure server with an address of a web page concatenated thereto (see col. 7, lines 1-58 and col. 8, lines 13-30 and col. 9, lines 18-47);

transmitting a second request to a web site containing the web page; retrieving the web page designated in the second request; modifying an address associated with the retrieved web page so that the secure server appears to be the source of the web

page; sending web page to the terminal (see col. 7, lines 1-58 and col. 8, lines 13-30 and col. 9, lines 18-47);

Subramaniam does not teach but Farah teaches encrypting request web page address; altering address of the terminal, wherein an encryption process couple to the terminal encrypted an unencrypted address of the web page and encrypting the content of the retrieved web page (see Farah, pages 1-5). It would have been obvious to one of ordinary skill in the art at the time the invention was made to implement the encryption of user address and web page address and content taught by Farah with the teaching of secure access to web site resource taught by Subramaniam to prevent Internet spying (see Farah, page 1, Introduction).

In respect to claim 38, Subramaniam and Farah disclose the method of claim 37 wherein the secure link comprises a secure sockets layer (SSL) link (see col. 3, lines 20-25).

In respect to claim 39, Subramaniam and Farah disclose the method of claim 37 wherein modifying the address associated with the retrieved web page comprises modifying a Uniform Resource Locator (URL) or Internet Protocol (IP) address of the web site (see col. 3, lines 17-18 and col. 7, lines 1-20).

In respect to claim 40, Subramaniam and Farah disclose the method of claim 37 wherein modifying the address associated with the retrieved web page comprises modifying an address associated with a hypertext link in the retrieved -web page to indicate; the-address-associated with the secure server (see col. 7, lines 1-20).

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In respect to claim 41, Subramaniam and Farah disclose the method of claim 37, further comprising modifying computer code associated with the retrieved web page to cause subsequent requests related to the retrieved web page to be sent by the terminal to the secure server instead of to the web site (see col. 19, lines 48-56).

In respect to claim 42, Subramaniam and Farah disclose the method of claim 37, further comprising decrypting the encrypted address of the web page (see Farah, pages 1-5).

In respect to claim 43, Subramaniam and Farah disclose the method of claim 37, further comprising repeating the retrieving, modifying, encrypting, and sending while the secure link is active (see col. 6, line 60-col. 7, line 20).

In respect to claim 45, Subramaniam and Farah disclose the method of claim 37, further comprising, at the secure server, controlling transmission of electronic files to the terminal based on preferences received from the terminal (see col. 6, lines 40-60).

In respect to claim 46, Subramaniam and Farah disclose the method of claim 37, further comprising storing under a pseudonym at a location communicatively coupled to the secure server, electronic files sent with the web page (see Fig. 1, item 110, col. 9, lines 32-47 and col. 10, lines 10-15).

In respect to claim 47, Subramaniam and Farah disclose the method of claim 37, further comprising:

obtaining information related to a user's communication with the secure server (see 8, lines 40-46);

Subramaniam and Farah do not disclose providing the obtained information to an entity based on permission of the user and in exchange for providing the secure link; and providing advertisements from the entity to the user related to the obtained information. However, profiling Internet user to provide advertising service is old and well known. It would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the teaching of Subramaniam's providing user access to resource with user profiling for marketing purposes.

In respect to claims 48-50, the claimed limitations are machine-readable medium that are substantially similar to claims 37-39. Therefore, claims 48-50 are rejected based on the similar rationale.

In respect to claims 52-54, the claimed limitations are apparatus claims that are substantially similar to method claims 1, 38 and 46. Therefore, claims 52-54 are rejected based on the similar rationale.

In respect to claim 56, Subramaniam discloses the method of claim 55, further comprising receiving, at the secure server, communication protocol information related to a communication between the terminal and the intermediate unit, to allow the secure server to respond to requests sent to the intermediate unit from the terminal (see col. 18, lines 14-30).

In respect to claim 57, Subramaniam discloses the method of claim 55 further comprising receiving subsequent requests from the terminal at the intermediate unit rather than directly at the secure server from the terminal (see col. 8, lines 24-30).

In respect to claims 58-59, the claim limitations are similar to claim 42.

Therefore, claim 58 is rejected based on the similar rationale.

In respect to claims 60-69, the claim limitations are machine-readable medium and apparatus claims that are substantially similar to method claims 55-59. Therefore, claims 60-69 are rejected based on the similar rationale.

In respect to claims 70-72, the claimed limitations are similar to claims 1 and 40. Therefore, claims 70-72 are rejected based on the similar rationale.

4. Claim 44 rejected under 35 U.S.C. 103(a) as being unpatentable over Subramaniam et al. (U.S. Patent No. 6,081,900) in view of Farah ("Network Working Group", April, 2000) and further in view of Gampper et al. (U.S. Patent No. 6,502,106).

In respect to claim 44, Subramaniam and Farah disclose the method of claim 37. Subramaniam and Farah do not disclose triggering a deletion of stored electronic files at the terminal related to a communication via the secure link, in response to termination of the communication between the terminal and the secure server.

However, Gampper discloses continuously delete files in a local cache (see col. 1, lines 64-67). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to implement the continuously deletion of storage taught by Gampper to make room for recent retrieved web pages (Gampper, col. 1, lines 64-67).

Conclusion

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5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

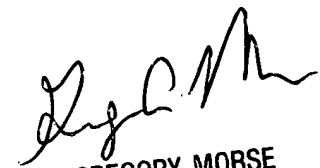
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tongoc Tran whose telephone number is (571) 272-3843. The examiner can normally be reached on 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gregory Morse can be reached on (571) 272-3838. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Examiner: Tongoc Tran
Art Unit: 2134

July 11, 2005


GREGORY MORSE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100